

Abstract of the Invention

In the Universal Mobile Telecommunications System, a simple, reliable and easily implemented method of providing Transport Format Combination Selection for directing data units from buffer means in the Radio Link Control Layer (RLC) to transport channels in the Medium Access Control (MAC) layer for transmission of the data units, the method comprising:

providing a set of information channels in the RLC layer for connection to the buffer means, and providing a set of transport channels in the MAC layer for transmission of the data units,

selecting a subset of said set of information channels and a subset of said set of transport channels for interconnection,

selecting for each transport channel one or a plurality of information channels to be multiplexed on the transport channel,

wherein a Mapping Table (32) and a Transport Block Combination Table (34) are created as a result of prioritising the selected transport channels according to a predetermined scheme, in dependence on the characteristics of the information channels,

and the number of data units which may be transmitted from the respective buffer means to the transport channels in a timing interval is determined from the tables (32, 34)